

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces and supersedes all prior listings of claims in the application.

Listing of claims:

Claims 1-13 (Cancelled).

Claim 14 (Currently amended): A cosmetic composition containing at least one branched oligo- α -olefin, or hydrogenated branched oligo- α -olefin, characterized ~~in that~~ wherein the side chains, at one branch point at least, are ethyl, propyl or longer branched alkyl chains, ~~the said~~ branched oligo- α -olefin being ~~obtainable~~ obtained by oligomerization ~~of at least one of:~~

- a) at least one branched α -olefin containing 5 to 18 carbon atoms, or
- ~~b) at least one linear α -olefin containing 4 to 10 carbon atoms,~~
- ~~[[c]]b)~~ a mixture of a branched α -olefin containing 4 to 18 carbon atoms and a linear α -olefin containing 3 to 18 carbon atoms, ~~and~~ or
- ~~[[d]]c)~~ a mixture of various branched α -olefins containing 4 to 18 carbon atoms and linear α -olefins containing 3 to 18 carbon atoms,

in the presence of a catalyst selected from the group consisting of organic acids, cationic ion exchangers, silica gels, layer silicates, inorganic acids ~~[[or]]~~ and Lewis-acid-based catalysts,

wherein said branched oligo- α -olefin or hydrogenated branched oligo- α -olefin is incorporated in a cosmetic composition.

Claim 15 (Currently amended): The cosmetic composition according to claim 14, wherein ~~the said~~ branched oligo- α -olefin or hydrogenated branched oligo- α -olefin comprises a total of 12 to 36 carbon atoms.

Claim 16 (Currently amended): The cosmetic composition according to claim 14, wherein ~~the~~ said branched oligo- α -olefin or hydrogenated branched oligo- α -olefin comprises a total of 14 to 24 carbon atoms.

Claim 17 (Cancelled):

Claim 18 (Currently amended): The cosmetic composition according to claim 14, wherein a mixture (~~[[c]]b~~) of a branched α -olefin containing 5 to 12 carbon atoms and a linear α -olefin containing 3 to 12 carbon atoms is oligomerized in the presence of a catalyst selected from the group consisting of organic acids, cationic ion exchangers, silica gels, layer silicates, inorganic acids ~~[[or]]~~ and Lewis-acid-based catalysts.

Claim 19 (Currently amended): The cosmetic composition according to claim 14, wherein ~~[[the]]~~ said linear α -olefin is selected from the group consisting of 1-propene, 1-butene, ~~[[2-butene,]]~~ and 1-pentene ~~and 2-pentene~~.

Claim 20 (Currently amended): The cosmetic composition according to claim 14, wherein ~~[[the]]~~ said branched α -olefin is selected from the group consisting of 2-ethyl-1-hexene, 2-propyl-1-heptene, 2-methyl-1-butene, 2-methyl-1-pentene, 3-methyl-1-pentene ~~[[or]]~~ and 4-methyl-1-pentene.

Claim 21 (Currently amended): The cosmetic composition according to claim ~~[[19]]~~ 14, wherein ~~[[the]]~~ said branched α -olefin is selected from the group consisting of 2-ethyl-1-hexene, 2-propyl-1-heptene, 2-methyl-1-butene, 2-methyl-1-pentene, 3-methyl-1-pentene ~~[[or]]~~ and 4-methyl-1-pentene, and wherein said linear α -olefin is selected from the group consisting of 1-propene, 1-butene, and 1-pentene.

Claim 22 (Currently amended): The cosmetic composition according to claim 14, wherein a mixture of 80% butene and 20% isobutene is oligomerized in the

presence of a catalyst selected from the group of organic acids, cationic ion exchangers, silica gels, layer silicates, inorganic acids ~~[[or]]~~ and Lewis-acid-based catalysts.

Claim 23 (Previously presented): The cosmetic composition according to claim 14, in the form of a w/o or o/w emulsion.

Claim 24 (Previously presented): The cosmetic composition according to claim 14, comprising 0.1 to 100% by weight of oil components, based on the total quantity of oil components inclusive of the at least one oligo- α -olefin.

Claim 25 (Previously presented): The cosmetic composition according to claim 14, comprising 1 to 50% by weight of oil components, based on the total quantity of oil components inclusive of the at least one oligo- α -olefin.

Claim 26 (Previously presented): The cosmetic composition according to claim 14, further comprising 0.1 to 20% by weight of a surface-active substance or a mixture of surface-active substances.

Claim 27 (Previously presented): The cosmetic composition according to claim 14, further comprising at least one antiperspirant and/or deodorant active principle.

Claim 28 (Currently amended): An antiperspirant or deodorant composition comprising:

(i) at least one branched oligo- α -olefin, or hydrogenated branched oligo- α -olefin, ~~characterized in that wherein~~ the side chains, at one branch point at least, are ethyl, propyl or longer branched alkyl chains, ~~the said~~ the said branched oligo- α -olefin being ~~obtainable~~ obtained by oligomerization ~~of at least one of:~~

- a) at least one branched α -olefin containing 5 to 18 carbon atoms, or
- b) ~~at least one linear α -olefin containing 4 to 10 carbon atoms,~~

- [[c]]b) a mixture of a branched α -olefin containing 4 to 18 carbon atoms and a linear α -olefin containing 3 to 18 carbon atoms, ~~and~~ or
- [[d]]c) a mixture of various branched α -olefins containing 4 to 18 carbon atoms and linear α -olefins containing 3 to 18 carbon atoms, in the presence of a catalyst selected from the group consisting of organic acids, cationic ion exchangers, silica gels, layer silicates, inorganic acids ~~[[or]]~~ and Lewis-acid-based catalysts, and
- (ii) at least one antiperspirant or deodorant active principle.

Claim 29 (Currently amended): The antiperspirant or deodorant composition according to claim 28, wherein ~~the~~ said branched oligo- α -olefin or hydrogenated branched oligo- α -olefin comprises a total of 12 to 36 carbon atoms.

Claim 30 (Cancelled):

Claim 31 (Currently amended): The antiperspirant or deodorant composition according to claim 28, wherein a mixture ([[c]]b) of a branched α -olefin containing 5 to 12 carbon atoms and a linear α -olefin containing 3 to 12 carbon atoms is oligomerized in the presence of a catalyst selected from the group consisting of organic acids, cationic ion exchangers, silica gels, layer silicates, inorganic acids ~~[[or]]~~ and Lewis-acid-based catalysts.

Claim 32 (Currently amended): The antiperspirant or deodorant composition according to claim 28, wherein ~~the~~ said linear α -olefin is selected from the group consisting of 1-propene, 1-butene, ~~[[2-butene,]]~~ and 1-pentene ~~and 2-pentene,~~ and ~~the~~ said branched α -olefin is selected from the group consisting of 2-ethyl-1-hexene, 2-propyl-1-heptene, 2-methyl-1-butene, 2-methyl-1-pentene, 3-methyl-1-pentene ~~[[or]]~~ and 4-methyl-1-pentene.

Claim 33 (Cancelled):

Claim 34 (Previously presented): The antiperspirant or deodorant composition according to claim 28, in the form of a w/o or o/w emulsion.

Claim 35 (Previously presented): The antiperspirant or deodorant composition according to claim 28, further comprising 0.1 to 20% by weight of a surface-active substance or a mixture of surface-active substances.

Claim 36 (Currently amended): A pharmaceutical composition containing at least one branched oligo- α -olefin, or hydrogenated branched oligo- α -olefin, ~~characterized in that~~ wherein the side chains, at one branch point at least, are ethyl, propyl or longer branched alkyl chains, ~~the~~ said branched oligo- α -olefin being ~~obtainable~~ obtained by oligomerization ~~of at least one of:~~

- a) at least one branched α -olefin containing 5 to 18 carbon atoms, or
- ~~b) at least one linear α -olefin containing 4 to 10 carbon atoms,~~
- ~~[[c]]b)~~ a mixture of a branched α -olefin containing 4 to 18 carbon atoms and a linear α -olefin containing 3 to 18 carbon atoms, ~~and~~ or
- ~~[[d]]c)~~ a mixture of various branched α -olefins containing 4 to 18 carbon atoms and linear α -olefins containing 3 to 18 carbon atoms,

in the presence of a catalyst selected from the group consisting of organic acids, cationic ion exchangers, silica gels, layer silicates, inorganic acids ~~[[or]]~~ and Lewis-acid-based catalysts,

wherein said branched oligo- α -olefin or hydrogenated branched oligo- α -olefin is incorporated in a pharmaceutical composition.